Model	QQ 7080T	**Trouble Category**	Engine
Road Mileage	42,000 KM		

Possible Trouble(s):

The vehicle suddenly extinguishes when it is traveling, but can¡t start the vehicle when the engine restarts.

Trouble Analysis:

The vehicle has traveled 42,000 KM. (There is no diagnostic tester on site, and the reading of tachometer skips occasionally when the vehicle starts). In that time, it is doubted that the sudden extinguish of engine is caused by the carbon deposit, and thus the mandatory starting method is applied to start the engine, but it goes for nothing; remove the distributor cable from the No 1 cylinder, try to turn on the ignition switch, and find the spark plug doesn¡t spark over at all ----- check the relay, fuse and circuit, and find all of them are in good condition; the ECU makes use of the crankshaft position sensor to determine the ignition time ------ replace the ECU and find it still goes for nothing. Remove the crankshaft position sensor, measure its resistance, and find it is 0 Ω and the sensor is short circuit. In the normal condition, the resistance of the sensor shall be 600- 800 Ω. Replace the sensor and then find that the trouble is removed.

Troubleshooting:

The crankshaft position sensor is damaged.

Final Measure(s):

Replace the crankshaft position sensor.